

SF

| Notice of Allowability | Application No. | Applicant(s) |
|-------------------------------|-------------------|---------------|
| | 10/719,222 | JILANI ET AL. |
| | Examiner | Art Unit |
| | Jessica T. Stultz | 2873 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to Amendments and Remarks filed 2/13/06.
2. The allowed claim(s) is/are 1-24, 31, 32, 34-40 and 47-53.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

Allowed Claims: 1-24, 31-32, 34-40, 47-53

Reasons for Allowance

The following is an examiner's statement of reasons for allowance: none of the prior art alone or in combination disclose or teach of the claimed combination of limitations to warrant a rejection under 35 USC 102 or 103.

The following is an examiner's statement of reasons for allowable subject matter: none of the prior art alone or in combination disclose or teach of the claimed combination of limitations to warrant a rejection under 35 USC 102 or 103.

Specifically regarding independent claim 1, none of the prior art alone or in combination disclose or teach of a micro-mirror device supported by a flexure spring wherein the flexure spring is configured to store potential energy during movement and to release kinetic energy to drive movement, specifically wherein the flexure spring has supports thereon attached to the micro-mirror and that space the micro-mirror from the flexure spring.

Specifically regarding independent claim 13, none of the prior art alone or in combination disclose or teach of an array of micro-mirrors, wherein each micro-mirror is supported by a flexure spring wherein the flexure spring is configured to store potential energy during movement and to release kinetic energy to drive movement, specifically wherein the flexure spring has supports thereon attached to the micro-mirror.

Specifically regarding claims independent claim 31, none of the prior art alone or in combination disclose or teach of a spatial light modulator, comprising a micro-mirror, wherein the micro-mirror is supported by a pliant flexure wherein the pliant flexure is configured to store potential energy during movement and to release kinetic energy to drive movement, specifically

wherein the pliant flexure comprises a flexure member supported on a post and supports on the flexure member for supporting the micro-mirror.

Specifically regarding independent claim 47, none of the prior art alone or in combination disclose or teach of a micro-mirror device supported by a flexure spring wherein the flexure spring is configured to store potential energy during movement and to release kinetic energy to drive movement, specifically wherein the micro-mirror is supported on arms of the flexure spring, with supports connected between the arms and opposite corners of the micro-mirror and wherein the flexure spring comprises a plurality of flexures disposed side-by-side and substantially parallel to each other.

Specifically regarding independent claim 53, none of the prior art alone or in combination disclose or teach of a micro-mirror device supported by a flexure spring wherein the flexure spring is configured to store potential energy during movement and to release kinetic energy to drive movement, specifically wherein the micro-mirror is supported on arms of the flexure spring, with supports connected between the arms and opposite corners of the micro-mirror, the supports spacing the micro-mirror from the arms of the flexure spring, and wherein the flexure spring comprises a plurality of flexures disposed substantially parallel to each other.

Conclusion

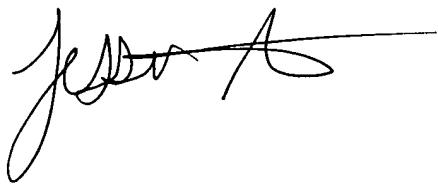
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jessica T. Stultz whose telephone number is (571) 272-2339. The examiner can normally be reached on M-F 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Mack can be reached on 571-272-2333. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jessica Stultz
Patent Examiner
AU 2873
February 28, 2006



JORDAN SCHWARTZ
PRIMARY EXAMINER

Approved
by
Examiner
JF
2/28/04

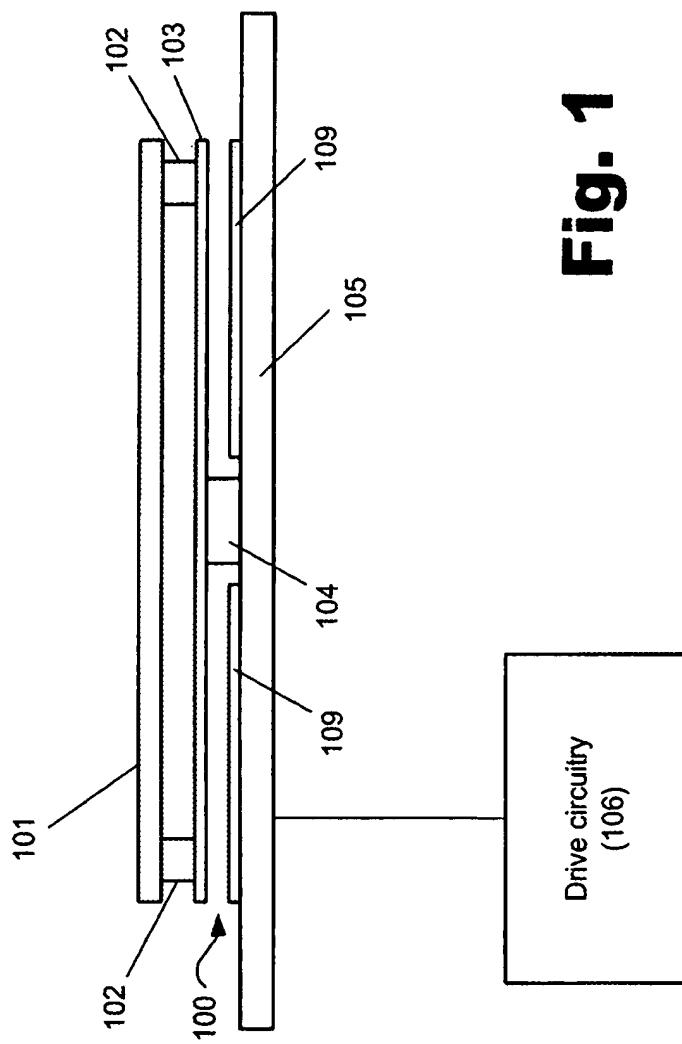


Fig. 1